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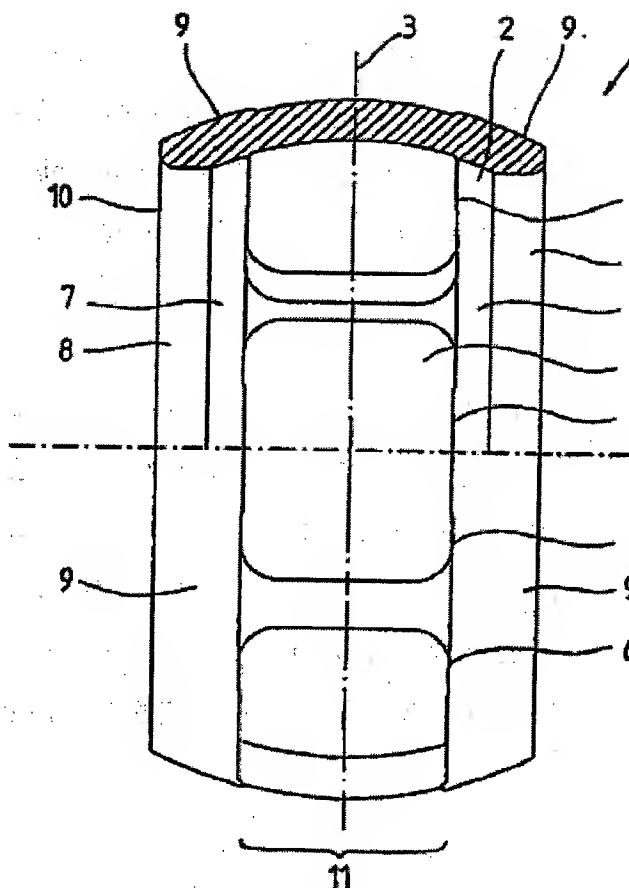
Ball cage**Patent number:** AU7775800**Publication date:** 2001-04-17**Inventor:** ADAMS FRANZ-JOSEF; SCHELLHAAS RALF
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EDELSTAHL**Classification:****- international:** F16D3/223**- european:****Application number:** AU20000077758D 20000913**Priority number(s):** DE19991058719 19991206; EP19990118232 19990914;
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Abstract of correspondent: **WO0120185**

The invention relates to a ball cage for homokinetic joints. The aim of the invention is to produce such ball cages in shorter processing times using a more economic and simpler method. To this end, the ball cage that consists of a blank (1) is configured as a substantially annular spherical segment (2) with window-type ball pockets (4) located along the equator with substantially equator-parallel bearing surfaces (5) that interact with the bearing balls. Substantially annular functional zones (9) are located on the outer ring edges (6) and interact with a joint bell and with substantially annular functional zones (7) that are located on the inner ring zones and that interact with the joint spider. The inventive ball cage is especially characterized in that at least some of the functional zones of the blank are raised vis-à-vis the adjoining surfaces of the ball cage.



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